MAIN HIGHWAY

CURVED GUARDRAIL ANCHOR 12½'

END TYPICAL GUARDRAIL

35' RADIUS SHOWN

CRT #1

SEE NOTE 6

10 CRT POSTS AT 6'-3" SPACING

END CURVED GUARDRAIL

RECOVERY AREA

CRT POST WITH BLOCK (A) SEE CURVED GUARDRAIL ANCHOR DETAIL

MINOR APPROACH ROADWAY OR DRIVEWAY

W

L

LAST POST OF RADIUS

TYPICAL W-BEAM MINIMUM ONE SPACE AT 6'-3" REQUIRED

END TREATMENT OR TYPE I ANCHOR SEE NOTE 5

NOTES:

1. LIST RADIUS REQUIREMENT FOR EACH LOCATION IN THE PROJECT PLANS AND SUMMARY SHEET.

2. SHOP BEND RADIUS ELEMENTS. FIELD BENDING IS NOT PERMITTED.

3. RECOVERY AREA BEHIND THE GUARDRAIL TO BE MAINTAINED FREE OF FIXED OBJECTS.

4. MAINTAIN 10:1 SLOPE IN FRONT OF CURVED SECTION.

5. USE END TREATMENTS, TYPE "G" OR "H" ON INTERSECTING ROADWAYS OPEN TO THE GENERAL PUBLIC. USE ANCHOR TYPE I (REFER TO STD DWG BA 4D) ON BUSINESS/RESIDENTIAL DRIVEWAYS, OR RESTRICTED/LIMITED ENTRY ROADWAYS.

6. DO NOT ATTACH DIRECTLY TO W-BEAM GUARDRAIL TRANSITION, STD DWG BA 4B, INSTALL 12½ FEET OF TYPICAL W-BEAM GUARDRAIL AT END OF TRANSITION PRIOR TO INSTALLING CURVED GUARDRAIL ANCHOR.

7. USE ANCHOR TYPE I WHEN OPPOSING TRAFFIC IS 1.2 TIMES FROM THE REQUIRED CLEAR ZONE.

8. USE NOMINAL DIMENSIONS FOR ALL TIMBER.

9. WHEN ROADWAY DESIGN REQUIRES A 12' OR WIDER EFFECTIVE SHOULDER THE 2' MIN BARRIER OFFSET IS OPTIONAL.

RADIUS (FT)	NO. OF CRT POSTS	REQUIRED AREA FREE OF FIXED OBJECTS	
		L (FT)	W (FT)
8'6"	5	25	15
17'	6	30	15
25'6"	8	40	20
35'	11	50	20

SEE NOTE 9
SHOULDER VARIES BY DESIGN

2' MIN 3' MIN

10:1

EDGE OF PAVEMENT

VARIABLE

SECTION A-A

5/16" × 9" BOLT

13/16" DIA. HOLE

SNUG FITTING INSERT 3/8" I.D., 7½" LONG

WASHER

NUT

CRT POST

CURVED GUARDRAIL ANCHOR

(REFER TO STD DWG BA 4D)

5'-3"

SHORTENED BREAKAWAY POST

ANCHOR PLATE

TWO 1" NUTS AND WASHER

BEARING PLATE

2'-3½"

TWO 1" NUTS AND WASHER

4" MAX

STANDARD 2" ID PIPE SLEEVE (2⅜" OD)

FOUNDATION TUBE W/SOIL PLATE

CRT POST AND BLOCK (A) NOT PART OF ANCHORAGE

CONTROLLED RELEASE TERMINAL (CRT) POST

SEE NOTE 7

4"
8"
3"
6"

72"
21½"
7½"
16"

13/16" HOLES

3½" HOLES

SIDE

FRONT

SUPPLEMENTAL DRAWING

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02-DEC-2008